

AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims.

1. (Currently Amended) A method comprising:

~~a terminal~~ causing, at least in part, receiving, via a terminal, location dependent routing information ~~stored in a data storage from said data storage, said location dependent routing information received by the terminal~~ including information regarding different routes for a connection to another terminal according to location of the terminal; and ~~the terminal~~ causing, at least in part, establishment of ~~establishing, via the terminal, a the~~ connection ~~between the terminal and at least one other terminal using location dependent routing information provided by the data storage, wherein at least one of the terminals is a mobile terminal and information for routing the connection between the terminals is automatically selected by the terminal based on the location of the at least one mobile terminal so as to be transparent to~~ transparently from a user of the ~~mobile~~ terminal, wherein said ~~the~~ location dependent routing information includes ~~local call-in numbers and parameters~~ a local call-in number for performing two-stage ~~dialling~~ dialing ~~for establishing said~~ to establish the connection via ~~[[an]]~~ a first access point of a first communication network accessible ~~at said location of the at least one mobile terminal~~ using a ~~the~~ local call-in number ~~for said access point, and~~ wherein said routing is to the ~~at least one~~ other terminal in a second communication network using a second access point of the second communication network via a third communication network comprising an internal communication network of ~~an organization to which both said the~~ terminal ~~establishing the connection and the at least~~ and the ~~one~~ other terminal belong.

2. (Currently Amended) A method as claimed in claim 1, wherein ~~said establishing the establishment of~~ the connection comprises initiating the connection establishment by the ~~at least one mobile~~ terminal.

3. (Currently Amended) A method as claimed in claim 1, wherein ~~said establishing the establishment of~~ the connection comprises initiating the connection establishment by a terminal other than the ~~at least one mobile~~ terminal.

4. (Currently Amended) A method as claimed in claim 1, said receiving comprising receiving at least two sets of location dependent routing information in the ~~mobile~~ terminal, and selecting information from one of the sets of routing information based on the location of the ~~mobile~~ terminal.

5. (Previously Presented) A method as claimed in claim 4, wherein the at least two sets of location dependent routing information comprise sets of routing information for use in the home network and in at least one visited network.

6. (Currently Amended) A method as claimed in claim 5, further comprising causing, at least in part, receiving by the ~~mobile~~ terminal in a roaming situation the set of routing information relating to the visited network in which the ~~mobile~~ station is roaming.

7. (Previously Presented) A method as claimed in claim 1, wherein a cost of the connection is optimized based on the location dependent routing information.

8. (Currently Amended) A method as claimed in claim 1, further comprising causing, at least in part, updating the location dependent routing information in response to an event.

9. (Currently Amended) A method as claimed in claim 8, wherein the updating is triggered by one of the following: predetermined change in location of the ~~mobile~~ terminal, connection set-up by the ~~mobile~~ terminal, a request for update, receipt of information from a subscriber information database of a home network of the ~~mobile~~ terminal, change in the routing information associated with an individual ~~mobile~~ terminal, detection of wireless local area network, detection of personal area network, or change in presence status.

10. (Previously Presented) A method as claimed in claim 1, said terminal establishing the connection comprising routing the connection via a first communication network serving a calling terminal, a second communication network serving a called terminal and a third communication network.

11. (Previously Presented) A method as claimed in claim 10, wherein said routing comprises routing the connection via an access point entity interfacing the third communication network with at least one of the first and second communication networks.

12. (Currently Amended) A method as claimed in claim 11, further comprising selecting the access point entity based on the location of the ~~mobile~~ station.

13. (Previously Presented) A method as claimed in claim 10, wherein the third communication network comprises a packet switched data network.

14. (Previously Presented) A method as claimed in claim 13, wherein communication of data over said data network is based on the Internet Protocol.

15. (Previously Presented) A method as claimed in claim 1, wherein the data storage is provided in a routing server, said terminal receiving said location dependent routing information comprising receiving a transmission of the location dependent routing information to the terminal.

16. (Currently Amended) A method as claimed in claim 15, further comprising causing, at least in part, initiating a procedure for connection establishment by sending a voice command from the terminal to a routing server.

17. (Currently Amended) A method as claimed in claim 1, comprising determining the location of the ~~mobile~~ terminal based on an indicator received from a communication network serving the ~~mobile~~ terminal.

18. (Currently Amended) A method as claimed in claim 1, comprising determining the location of the ~~mobile~~ terminal based on information regarding the geographical location of the ~~mobile~~ terminal.

19. (Previously Presented) A method as claimed in claim 1, wherein said location dependent routing information received by said terminal is based on a computation of at least one additional set of location dependent routing information based on location dependent routing information stored in the data storage and a master set of routing information.

20. (Currently Amended) A method as claimed in claim 1, further comprising causing, at least in part, inputting in the terminal a telephone number of the at least one other terminal, and routing the connection between the terminals based on the location dependent routing information.

21. (Canceled)

22. (Previously Presented) A method as claimed in claim 1, wherein one of the terminals is a computer, said establishing a connection comprising establishing a data connection between the ~~at least one mobile~~ terminal and the computer.

23. (Currently Amended) ~~A memory for storing information in a terminal for use by a processor in performing the following steps on said processor in said terminal~~ A computer-readable storage medium carrying one or more sequences of one or more instructions which, when executed by one or more processors, cause an apparatus to at least perform the following steps:

causing, at least in part, receiving said location dependent routing information stored in a data storage on a server and storing said location dependent routing information on said memory storage medium, said location dependent routing information received by the terminal including information regarding different routes for a connection to another terminal according to location of the terminal; and
causing, at least in part, establishment of establishing a the connection between the terminal and at least one other terminal using location dependent routing information provided by

~~the data storage and stored in the memory storage medium in the terminal, wherein at least one of the terminals is a mobile terminal and information for routing the connection between the terminals is selected by the terminal based on the location of the at least one mobile terminal, wherein said the location dependent routing information includes local call-in numbers and parameters a local call-in number for performing two-stage dialing dialing for establishing said to establish the connection via [[an]] a first access point of the first communication network accessible at said location of the at least one mobile terminal using a the local call-in number for said access point, wherein routing is to the other terminal in a second communication network using a second access point of the second communication network via a third communication network comprising an internal communication network of the terminal establishing and the other terminal and wherein said terminals belong to an organization and said routing of the connection is made between said access point and said at least one other terminal via an internal communication network of the organization.~~

24. (Currently Amended) ~~Terminal~~ A terminal apparatus~~[[,]]~~ comprising ~~a processor configured to:~~

at least one processor; and

at least one memory including computer program code for one or more programs,

the at least one memory and the computer program code configured to, with the at least one processor, cause the apparatus to perform at least the following:

causing, at least in part, receiving ~~receive~~ location dependent routing information ~~sent from a data storage to the terminal apparatus, said location dependent routing information being~~

~~provided to the terminal apparatus including information regarding different routes for a connection to another terminal apparatus according to location of the terminal apparatus; and~~

~~causing, at least in part, establishment of~~ establish a the ~~connection between the terminal apparatus and at least one other terminal apparatus using location dependent routing information provided by the data storage, wherein at least one of the apparatus is a mobile terminal apparatus and information for routing the connection between the terminal apparatus or the other terminal apparatus is automatically selected by the terminal apparatus based on the location of the at least one mobile terminal apparatus so as to be transparent to~~ transparently from ~~a user of the mobile terminal, wherein said the~~ location dependent routing information includes local call in numbers and parameters a local call-in number for performing two-stage dialling dialing for establishing said to establish the connection via [[an]] a first access point in a first communication network accessible at said location of the at least one mobile terminal apparatus using a the local call-in number for said access point of a first communication network accessible at said location of the at least one mobile terminal using a local call in number for said access point, and ~~wherein said routing is to the at least one other terminal in a second communication network using a second access point of the second communication network via a third communication network comprising an internal communication network of an organization to which both said the terminal establishing the connection and the at least and the one other terminal belong.~~

25. (Currently Amended) A ~~mobile~~ terminal comprising:

an input device for input of location dependent routing information for use in establishing a connection over a communication system, said location dependent routing information being provided to the ~~mobile~~ terminal including information regarding different routes for a connection to another terminal according to location of the ~~mobile~~ terminal;

a processor for processing information associated with the location of the ~~mobile~~ terminal and configured to automatically select routing information from the location dependent routing information for connection establishment based on the location thereof ~~so as to be transparent to~~ transparently from a user of the ~~mobile~~ terminal; and

connection establishment device for initiating establishment of a connection to ~~another~~ the other terminal based on the selected routing information, wherein said location dependent routing information includes ~~local call-in numbers and parameters~~ a local call-in number for performing two-stage ~~dialling~~ dialing ~~for establishing said~~ to establish the connection via ~~[[an]]~~ a first access point of a first communication network accessible ~~at said location of the mobile terminal~~ using a the local call-in number ~~for said access point, and~~ wherein said routing is to the ~~at least one~~ other terminal in a second communication network using a second access point of the second communication network via a third communication network comprising an internal communication network of ~~an organization to which both~~ said the terminal ~~establishing the connection and the at least~~ and the ~~one~~ other terminal belong.

26. (Canceled)

27. (Currently Amended) A ~~mobile~~ terminal as claimed in claim 25, comprising a memory for storing at least two sets of location dependent information, and configured to select information from one of the sets of information based on the location of the ~~mobile~~ terminal.

28. (Canceled)

29. (Currently Amended) A routing server configured to store location dependent routing information, to receive information of the location of a ~~mobile~~ station, to modify the location dependent routing information based on the location of the ~~mobile~~ station and to transmit location dependent routing information to the ~~mobile~~ station, said location dependent routing information being provided to the ~~mobile~~ station including information regarding different routes for a connection to another terminal selected by the ~~mobile~~ station according to location of the ~~mobile~~ station, wherein said location dependent routing information includes ~~local call-in numbers and parameters~~ a local call-in number for automatically performing two-stage ~~dialling dialling~~ that is transparent to a user of the ~~mobile~~ station ~~for establishing said~~ to establish the connection via ~~[[an]]~~ a first access point of a first communication network accessible ~~at said location of the mobile station~~ using a the local call-in number ~~for said access point for routine,~~ wherein routing is to said connection to another the other terminal in a second communication network using a second access point of the second communication network via a third communication network comprising an internal communication network of ~~an organization to which both said mobile~~ the station and ~~said the~~ the other terminal ~~belong~~.

30. (Currently Amended) A method, comprising:

causing, at least in part, receiving location dependent routing information in a ~~mobile~~ terminal via an input device of the terminal for use in establishing a connection over a communication system, said location dependent routing information including information regarding different routes for a connection to another terminal according to a location of the ~~mobile~~ terminal,

processing in a processor in the ~~mobile~~ terminal information associated with the location of the ~~mobile~~ terminal for automatically selecting routing information from the location dependent routing information for connection establishment based on the location thereof, and

~~said mobile terminal~~ causing, at least in part, initiating, via the terminal, said ~~the~~ establishment of said connection to ~~another~~ the other terminal based on the selected routing information, wherein said location dependent routing information includes ~~local call-in numbers and parameters~~ a local call-in number for performing two-stage dialling transparent to a user of said ~~mobile~~ terminal ~~for establishing said~~ to establish the connection via ~~[[an]]~~ a first access point of a first communication network accessible ~~at said location of the mobile terminal~~ using a ~~the~~ local call-in number ~~for said access point,~~ and wherein ~~routine of said connection~~ routing is to aid ~~the~~ other terminal in a second communication network using a second access point of the second communication network via a third communication network comprising an internal communication network of ~~an organization to which both said mobile~~ the terminal initiating said establishment and said ~~the~~ other terminal belong.

31. (Currently Amended) A method, comprising:

causing, at least in part, storing location dependent routing information in a routing server,
causing, at least in part, receiving at the routing server information on a location of a ~~mobile~~
terminal,
causing, at least in part, modifying at the routing server the location dependent routing
information based on the received information on the location of the ~~mobile~~ terminal, and
causing, at least in part, transmitting from the routing server to the ~~mobile~~ terminal the
location dependent routing information including information regarding different routes
for a connection to another terminal, wherein the connection is selected by the mobile
~~terminal~~ according to the location of the ~~mobile~~ terminal, wherein ~~said the~~ location
dependent routing information includes ~~local call-in numbers and parameters~~ a local call-
in number for performing two-stage ~~dialling~~ dialing transparently to a user of the ~~mobile~~
terminal ~~for establishing said~~ to establish the connection via ~~[[an]]~~ a first access point in a
first communication network accessible ~~at said location of the mobile terminal~~ using a
local call-in number ~~for said access point, and~~ wherein ~~routine of said connection~~ routing
is to ~~another~~ the other terminal in a second communication network using a second access
point of the second communication network via a third communication network
comprising an internal communication network of ~~an organization to which both said~~
~~mobile the~~ terminal and ~~said the~~ other terminal ~~belong~~.